

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.



[facebook.com/groups/eaars](https://facebook.com/groups/eaars)

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



*June, 2023*

## JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.**

**com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



## EAARS Open Repeaters

**PL 141.3** unless noted otherwise

**Echolink:** 614350 **IRLP:** 7787

**Heliograph Peak at Safford, AZ:**

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

**Jacks Peak at Silver City, NM:**

145.210 Linked

**West Peak at Ft Thomas, AZ:**

145.350 Access to link to network

**Pinal Peak at Globe, AZ:**

145.410 Linked

**South Mt at Alpine, AZ:**

145.270 Linked

**Caballo Mt at TorC, NM:**

145.470 Linked

**Greens Peak at Show Low, AZ**

146.700 Linked

**Little Florida at Deming, NM:**

147.060 Linked

**Mule Mt at Bisbee, AZ:**

147.080 Linked

**Mt Lemmon at Tucson, AZ**

147.160 Linked

**Guthrie Peak at Clifton, AZ:**

147.280 Linked

**Downtown at Tucson, AZ**

147.28 Output

146.26 Input, **PL 127.3**

# Gals on the Air!

**EST. June 2015**

Calling all Gals of any class ... Join us every Monday night for the  
**Gals Night Net @ 7:30 pm (AZ) on the EAARS system!**

**Facebook.com/groups/galsnightnet**

## Upcoming Events

*Would You like to see your event posted for the membership to see?  
Email your information to [emberfire@cox.net](mailto:emberfire@cox.net).*

**2023**

Kids Day ..... 6/17  
Field Day ..... 6/24-25

***Clubs, send me the events you would like shown here.***

### WEEKLY EAARS' NETS

**Every day:**

Down Under Net - 4:15 am  
Weather Net - 5:30 am  
NTS Traffic Net - 6:30 pm

**Sunday:**

EAARS Net - 7:00 pm

**Monday:**

Gals Night Net - 7:30 pm

**Wednesday:**

Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,  
Off Season, every third Wednesday of month at 7:30 pm

All times are noted on  
Arizona time.

**Saturday:**

ERC (Emergency Response Communications) Net - 8:45 am, 2nd  
Saturday of the month (20-25 min duration). Due to unforeseen  
circumstances, this net will come to its end, April 30, 2023. Thank you  
all who supported this net!



# EAARS Officers and Staff

## Board Officers

President	Dan Quaintance	AF7EF
Vice President	Joe Montierth	K7JEM
Secretary/Treasurer	Larry Griggs	N5BG

## Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

## Net Control Operators

Rick	W8YBM	1st Sunday
Larry	KG7VLN	2nd Sunday
Chris	N7JND	3rd Sunday
Angie	N7EMB	4th Sunday

## ARRL RADIO CONTESTS

June 2023

3-4	International Digital Contest
10-12	June VHF
17	Kids Day
24-25	Field Day

For details on all ARRL contests and for non-ARRL contests,  
visit <http://www.arrl.org/contest-calendar>

## New EAARS Members!

Jim	KJ7DRV
Bob	KD7YOX
Harold	W6IWI

Welcome  
**HOME**



## **What is ARRL Field Day?**

Produced by ARRL, the national association for amateur radio <http://www.arrl.org>

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, thousands of radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

We use these same skills when we help with events such as marathons and bike-a-thons, fund-raisers such as walk-a-thons, celebrations such as parades, and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

But, despite the development of very complex, modern communications systems — or maybe because they ARE so complex — ham radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called "hams") are well known for our communications support in real disaster and post-disaster situations.

### **What is the ARRL?**

The American Radio Relay League is the national association for Amateur Radio in the USA, representing over 170,000 FCC-licensed Amateurs. The ARRL is the primary source of information about what is going on in ham radio. It provides books, news, support and information for individuals and clubs, special events, continuing education classes and other benefits for its members.

### **What is Amateur Radio**

Often called "ham radio," the Amateur Radio Service has been around for a century. In that time, it's grown into a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. Its people range in age from youngsters to grandparents. Even rocket scientists and a rock star or two are in the ham ranks. Most, however, are just normal folks like you and me who enjoy learning and being able to transmit voice, data and pictures through the air to unusual places, both near and far, without depending on commercial systems.

The Amateur Radio frequencies are the last remaining place in the usable radio spectrum where you as an individual can develop and experiment with wireless communications. Hams not only can make and modify their equipment, but can create whole new ways to do things.

For More Information visit: [www.arrl.org/field-day](http://www.arrl.org/field-day)

Updated 3/2021

**Send all Field Day articles and pics to  
Angie at [emberfire@cox.net](mailto:emberfire@cox.net) or Chris at [n7jnd@cox.net](mailto:n7jnd@cox.net),  
no later than Wednesday, June 28th. Thank you!**



## Join EAARS at Field Day

EAARS' Field Day 2023 effort will take place, **June 24-25**, at a location 3/4 mile west of Hwy 70 on the North side of Klondyke Rd., Pima AZ. The GPS coordinates are 32.946455, -109.924084. This location is shown on ARRL's Field Day locator map at <https://www.arrl.org/field-day-locator>. EAARS Club Call Sign K7EAR will be used as the primary call, the GOTA call sign will be AF7EF. We will also be calling on VHF 146.48 throughout the day, if you need assistance finding our location this frequency will also serve as a talk-in frequency. There is room at this Field Day location for a number of self-contained RVs to set up also.

We will be setting up the EAARS Communications Bus beginning on Friday afternoon and finalizing Saturday prior to the Field Day start time 1800 UTC. Come out, join the fun, and support the club's effort. For more information, questions, or to volunteer your assistance contact Dan, AF7EF at [af7ef@yahoo.com](mailto:af7ef@yahoo.com) or cell (928) 235-1152. If you can't make it to the event we hope to catch you on the air, Enjoy, stay safe, and have fun this 2023 ARRL Field Day.

## Field Day Photos Wanted

As you know, Field Day is happening this month. We know that you are already excited in participating in this year's Field Day. You might be participating with a club. You might be going out with a group. Or you might be flying solo or operating from the comfort of your Ham Shack or vehicle.

Whichever method you choose, we are looking for Field Day photos of you or your group in an operating position. We like sharing Field Day photos in our July EAARS Newsletter. You can take a selfie of yourself or you can even write a short article with a couple of photos. No need to forward 1000 photos, LOL. One or two will work.

Photos must be received no later than Wednesday, June 28th. The email address to send Field Day photos and articles to, is [emberfire29@gmail.com](mailto:emberfire29@gmail.com).

Most of us have cameras on our 2-way radios called a cell phone. Why not snap a couple of Field Day photos and send them to us. If the photo is blurry, no worries, just take it again. Our photo editing software (Newsletter Editor's brain ) will reject blurry photos. Thanking you in advance! Have fun!



# Repairs Made At Pinal Peak

During the month of May, EAARS President - Dan AF7EF, Vice President - Joe K7JEM and Treasurer - Larry N5BG, who also dedicated many hours doing double duty, as some of our finest technical team, made the long drive up to Pinal Peak. They went up to see what was causing the random noise and desense on the EAARS receive antenna. Upon arrival to the site, they looked up towards the top of the tower and what they found, was the 4 Bay Folded Dipole had snapped in half from the ice and wind over the winter months. And the top two dipoles were hanging by the coax, just floppin' in the wind, banging into everything in its path.

When the broken part of the antenna touched another metal part, it caused noise in the receiver. Especially when the squelch gate was opened on the Pinal receiver. The broken half of the antenna, was removed and the antenna is now a 2 Bay Folded Dipole which seems to be working very well. The antenna will be fully replaced on a future trip. Thanks to the team mentioned above for taking care of this matter. See if you can spot the broken half that's hanging in the photo below.



# Who Remembers The Radio Shack Catalog?

Article By: N7JND

Some of us just may be old enough to remember when Radio Shack would hand out their catalog every year. In fact, many of us would look forward to that day when Radio Shack would announce in one of their sales fliers that the brand new Radio Shack catalog was available. Of course we could not get to our local Radio Shack quick enough to pick up our personal copy of the catalog to bring home and spend hours reading through it and then reading through it again and again.



Of course many of us would go directly to the "Radio" section to see if a new Ham Radio would be introduced such as the HTX-202 or other cool radio. Then of course, we would look at the antenna section to see what was new and improved over the last year before going to the other sections of the catalog. For those of us that liked to smell things, the new Radio Shack catalog always had "That Smell" to it as it just came off the printer.

I remember working for Radio Shack and the many boxes of catalogs that would take up a special section in the stock room as we prepared to open that first box of brand new catalogs. Of course as an employee of Radio Shack, we got to view it first and it never failed to have the urge to use the restroom when we pulled out our personal copy and it was off to the restroom NOT to be seen for at least a half hour. Those Were The Days!!!

Well now, you can re-live those days of thumbing through ALL the Radio Shack catalogs of days passed, right here online. Yes, there is a website that features every Radio Shack catalog in a "Flip Through" format. You can now take a trip down memory lane and see how much money we spent on our TRS-80's and Color Computers and of course... CB's. For your viewing pleasure, visit the Radio Shack Online Catalogs at...

**<https://www.radioshackcatalogs.com>**



The Amateur Radio Council of Arizona will hold our annual meeting at 11:00 AM on Saturday, July 15, at the Flagstaff Hamfest. This meeting will include election of officers for the 2022-2023 cycle. Nominations will be open from the floor and we are always happy to have new members join the board. Even if you don't want to run for a board position, we are always looking for more help with other projects including helping member clubs put on hamfests, maintenance of the ARCA trailer, golf cart and other associated equipment. We will also present our annual Ham-of-The Year and Scholarship applications during this meeting.

The ARCA repeater owners committee will also hold a meeting at the Flagstaff Hamfest. Our 70cm coordinator had to resign recently because of some family obligations. So we will be looking for a volunteer to serve in that capacity.

Because there are more 70cm coordinators than any other band, more than one volunteer for this position would also be appreciated.

And finally, a word about the Flagstaff Hamfest. We are EXTREMELY happy that the Northern Arizona DX Association (NADXA) has stepped up to sponsor this event after nearly 20 years of not having an event in Flagstaff. ARCA is very happy to be assisting NADXA putting on this event and are hopeful that this will become an annual event and get better each year for years to come!

73, Lee K7OED



The poster for the Flagstaff Hamfest features a central graphic of a mountain range with a sun rising behind it. Above the mountains are three logos: the ARCA logo on the left, the NADXA logo in the center, and a diamond-shaped logo on the right. Below the graphic, the text reads: "Northern Arizona DX Association Presents the FLAGSTAFF HAMFEST Sponsored by The Amateur Radio Council of Arizona".

**Saturday July 15, 2023**  
*85 Donation for Admission*  
 Indoors/Outdoors at Sinagua Middle School,  
 Rain or Shine 3950 E Butler, Flagstaff, AZ.

**HOURLY PRIZES GALORE WITH PAID ADMISSION**  
 Talk-in on 146.98 (-) Tone 162.2  
 927.0500 D114 MHz & DMR Talk Group 9  
 Parking is FREE but NO Overnight Parking

**Tailgating 7 AM – 3 PM**  
 Set-up 6–7 AM  
 \$10 per Space

**RAFFLE! Grand Prizes:**  
 Icom IC-7300  
 Cornell CAA-500 MARK II  
 SWR/Impedance Analyzer  
 LifePO4 504h Battery  
 Do Not Have to Be Present to Win

**Social Dinner Friday 7/14**  
 Westside Sizzler 4:30-6:30PM

**Coffee & Donuts AM**  
**Pizza Lunch**

**Vendors Inside 7 AM – 3 PM**  
 Set-up Fri Room – 4 PM and Sat 6 – 7 AM  
 \$20 per 10' x 10' space

**ARRL Booth with QSL Card Checking**

**Technical Presentations**  
 Speakers: EME, SOTA, POTA, ARES, HF on 10 Meters, Antennas, ARRL, Morse Code Keys, Mesh Network, Amateur TV, VE Exams, ARCA Annual Meeting, Repeater Owners and much more!!!

**For more information:** Email – [Flagstaff@NADXA.com](mailto:Flagstaff@NADXA.com) Web – [FlagstaffHamfest.org](http://FlagstaffHamfest.org)

Pre-registration available online

NO Guns, Drugs, Alcohol, Smoking, Vaping, or Fireworks • Only Leashed Animals Outside, Only Service Animals Inside





# Other Club Stuff

*From Diane AA3OF: RST VE Testing will be held at Immanuel Presbyterian Church, Witherspoon Hall, 9252 E 22nd St, at 7pm.*

**2023**

June 12

July 10

Oct 9

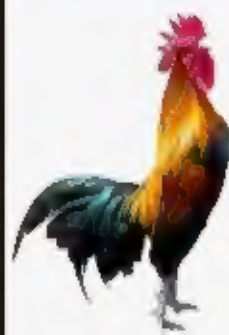
Aug 14

Nov 13

Sep 11

Dec 11

**If you live in the Graham or Greenlee County and are interested in a VE Testing Session, please feel free to contact Dan Quaintance AF7EF, (928) 235-1152.**



**Rise and Shine!!!**

**with  
the**

**Made it through the Night Gang Weather Net**

**0530 Mountain Standard Time Daily  
on the EAARS Repeater System**

**Weather and  
Conversation**

**Get a handle on the local weather from your fellow HAM operators around the  
EAARS coverage area and get to know them better.**

**We do a technical question of the week on Wednesday  
and the "Flea Market of the Air on Fridays**

**W7G8P - Steve  
Net Control  
K1VM/N7CDW  
Keith/Carrie**

**Do you have any club news to share? It can be posted on this page.  
Send your info to Angie - [emberfire@cox.net](mailto:emberfire@cox.net).**

Cooking up  
Some Magic



## Sheet-Pan Chipotle-Lime Shrimp Bake

*This would be a great dinner for the special man in your life. What a yummy way to celebrate Father's Day!*

### Ingredients

- 1-1/2 pounds baby red potatoes, cut into 3/4-inch cubes
- 1 tablespoon extra virgin olive oil
- 3/4 teaspoon sea salt, divided
- 3 medium limes
- 1/4 cup unsalted butter, melted
- 1 teaspoon ground chipotle pepper
- 1/2 pound fresh asparagus, trimmed
- 1/2 pound Broccolini or broccoli, cut into small florets
- 1 pound uncooked shrimp (16-20 per pound), peeled and deveined
- 2 tablespoons minced fresh cilantro

Prep: 10 min.  
Bake: 40 min.  
Makes 4 servings



*Courtesy of  
Taste of Home*

### Directions

1. Preheat oven to 400°. Place potatoes in a greased 15x10x1-in. baking pan; drizzle with olive oil. Sprinkle with 1/4 teaspoon sea salt; stir to combine. Bake for 30 minutes. Meanwhile, squeeze 1/3 cup juice from limes, reserving fruit. Combine the lime juice, melted butter, chipotle and remaining 1/2 teaspoon sea salt.
2. Remove pan from the oven; stir potatoes. Arrange asparagus, Broccolini, shrimp and reserved limes on top of potatoes. Pour lime juice mixture over vegetables and shrimp.
3. Bake until shrimp turn pink and vegetables are tender, about 10 minutes longer. Sprinkle with minced fresh cilantro.



kiss the  
cook